

Set	Items	Description
? E AU=HATA, KATSURA		

Ref	Items	Index-term
E1	14	AU=HATA, KATSUNORI
E2	1	AU=HATA, KATSUO
E3	26	AU=HATA, KATSURA
E4	4	AU=HATA, KATSUSHI GE
E5	12	AU=HATA, KATSUSUKE
E6	1	AU=HATA, KATSUSUKI
E7	1	AU=HATA, KATSUTOSHI
E8	46	AU=HATA, KATSUYA
E9	1	AU=HATA, KATSUYOSHI
E10	78	AU=HATA, KATSUYUKI
E11	1	AU=HATA, KATUJI
E12	1	AU=HATA, KATUMASA

Enter P or PAGE for more

? S E3
S1 26 AU=HATA, KATSURA

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S2 23 RD (unique items)

? T S2/3, K/1-23

>>>KWC option is not available in file(s): 399

2/3, K/1 (Item 1 from file: 393)

DI ALCOG(R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6260038

Title: Efficacy of ER-30346, a Novel Oral Triazole Antifungal Agent, in Experimental Models of Aspergillosis, Candidiasis, and Cryptococcosis

Document Type: Journal Record Type: Abstract

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshio; Mriyama, Megumi; Katsu, Kanemasa

Citation: Antimicrob. Agents & Chemother. (1996) Series: 40-10, 2243 - 2247 CODEN: AMACQ Language: English

Abstract Language: English

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshio; Mriyama, Megumi; Katsu, Kanemasa

2/3, K/2 (Item 2 from file: 393)

DI ALCOG(R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6260037

Title: In vitro and In Vivo Antifungal Activities of ER-30346, a Novel Oral Triazole with a Broad Antifungal Spectrum

Document Type: Journal Record Type: Abstract

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshio; Nakamura, Toshihiro; Katsu, Kanemasa

Citation: Antimicrob. Agents & Chemother. (1996) Series: 40-10, 2237 - 2246 Page 1

10536935.txt

2242 CODEN: AMACQ Language: English
Abstract Language: English

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa,
Toshio; Nakamura, Toshihiro; Katsu, Kanemasa

2/3, K/3 (Item 1 from file: 399)
DIALOG File 399: CA SEARCH(R)
(c) 2010 American Chemical Society. All rights reserved.

142392428 CA: 142(21)392428c PATENT
Preparation of heterocyclic compounds as antifungal agents
INVENTOR(AUTHOR): Nakamoto, Kazutaka; Tsukada, Itaru; Tanaka, Keigo;
Matsukura, Masayuki; Haneda, Toru; Inoue, Satoshi; Ueda, Norihiro; Abe,
Shinya; Hata, Katsura; Watanabe, Naoki

LOCATIONS: Japan,
ASSIGNEE: Eisai Co., Ltd.
PATENT: PCT International; WO 200533079 A1 DATE: 20050414
APPLICATION: WO 2004JP14063 (20040927) *JP 2003342273 (20030930) *JP
200468186 (20040310)

PAGES: 418 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:
CLASS: C07D-209/08A; C07D-263/56B; C07D-405/12B; C07D-409/12B;
C07D-239/48B; C07D-239/72B; C07D-241/44B; C07D-239/94B; C07D-495/04B;
C07D-215/48B; C07D-215/38B; C07D-215/20B; C07D-215/12B; C07D-277/62B;
C07D-217/02B; C07D-241/20B; C07D-239/42B; C07D-491/04B; C07D-471/04B;
C07D-213/82B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
NA; SD; SL; SZ; TZ; UG; ZM; ZW AM: AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG

2/3, K/4 (Item 2 from file: 399)
DIALOG File 399: CA SEARCH(R)
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141034645 CA: 141(3)34645j PATENT
Methods of screening for compounds that inhibit the biosynthesis of
glycosylphosphatidylinositol in malaria parasites using gene GMP1 and
GMP1 enzyme
INVENTOR(AUTHOR): Hata, Katsura; Ogawa, Kaoru; Tsukada, Itaru; Nakamoto,
Kazutaka; Sagane, Koji; Tanaka, Keigo; Tsukahara, Kappei; Horii, Toshihiro
LOCATIONS: Japan,
ASSIGNEE: Eisai Co., Ltd.
PATENT: PCT International; WO 200448567 A2 DATE: 20040610
APPLICATION: WO 2003JP14920 (20031121) *US PV428589 (20021122)
PAGES: 214 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-015/09A; C07K-014/445B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LR; LS; LT;
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL

10536935.txt

; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

2/3, K/5 (Item 3 from file: 399)

DI ALCOG R File 399: CA SEARCH R

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140235718 CA: 140(15)235718p PATENT

Preparation of azolyl ethanol antifungals and protected hydroxypropionate active ester intermediates.

INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Nagasaka, Yumi; Tsuruoka, Akihiro; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: European Pat. Appl.; EP 1394142 A1 DATE: 20040303

APPLI CATION: EP 200327430 (19950203) *JP 9433268 (19940207) *JP 94174894 (19940705) *JP 94208203 (19940810) *JP 94306467 (19941209) *EP 20023137 (19950203) *EP 95101489 (19950203)

PAGES: 138 pp. CODEN: EPXXDW LANGUAGE: English

PATENT CLASSIFICATION:

CLASS: C07C 051/087A

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; PT; IE

2/3, K/6 (Item 4 from file: 399)

DI ALCOG R File 399: CA SEARCH R

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140217644 CA: 140(14)217644g PATENT

Preparation of azolyl ethanol antifungals and their intermediates.

INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Nagasaka, Yumi; Tsuruoka, Akihiro; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: European Pat. Appl.; EP 1394162 A1 DATE: 20040303

APPLI CATION: EP 200327431 (19950203) *JP 9433268 (19940207) *JP 94174894 (19940705) *JP 94208203 (19940810) *JP 94306467 (19941209) *EP 20023137 (19950203) *EP 95101489 (19950203)

PAGES: 149 pp. CODEN: EPXXDW LANGUAGE: English

PATENT CLASSIFICATION:

CLASS: C07D 417/06A; A01N 043/653B; A61K 031/41B; C07D 417/14B;

C07D 409/06B; C07D 413/06B; C07D 409/14B; C07D 403/10B

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; PT; IE

2/3, K/7 (Item 5 from file: 399)

DI ALCOG R File 399: CA SEARCH R

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139194280 CA: 139(13)194280y JOURNAL

Medicinal genetics approach towards identifying the molecular target of a novel inhibitor of fungal cell wall assembly

AUTHOR(S): Tsukahara, Kappei; Hata, Katsura; Nakamoto, Kazutaka; Sagane, Koji; Watanabe, Nao-aki; Kuromitsu, Junro; Kai, Junko; Tsuchiya, Mamiko; Chiba, Fuminori; Jigami, Yoshifumi; Yoshimatsu, Kentaro; Nagasu, Takeshi

LOCATION: Tsukuba Research Laboratories, Eisai Co., Ltd, Ibaraki, Japan, 300-2635

10536935.txt

JOURNAL: Mbl. Microbiol. (Molecular Microbiology) DATE: 2003 VOLUME: 48
NUMBER: 4 PAGES: 1029-1042 CODEN: MOMEE ISSN: 0950-382X LANGUAGE:
English PUBLISHER: Blackwell Publishing Ltd.

2/3, K/8 (Item 6 from file: 399)
DI ALCO (R) File 399: CA SEARCH (R)
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139194152 CA: 139(13)194152h JOURNAL
GWT1 gene is required for inositol acylation of
glycosylphosphatidylinositol anchors in yeast
AUTHOR(S): Umemura, Mariko; Okamoto, Mchiyo; Nakayama, Ken-Ichi; Sagane,
Koji; Tsukahara, Kappei; Hata, Katsura; Jigami, Yoshifumi
LOCATION: Research Center for Glycoscience, National Institute of
Advanced Industrial Science and Technology, Higashi 1-1-1, Tsukuba, Ibaraki
, Japan, 305-8566
JOURNAL: J. Biol. Chem. (Journal of Biological Chemistry) DATE: 2003
VOLUME: 278 NUMBER: 26 PAGES: 23639-23647 CODEN: JBCHA3 ISSN:
0021-9258 LANGUAGE: English PUBLISHER: American Society for Biochemistry
and Molecular Biology

2/3, K/9 (Item 7 from file: 399)
DI ALCO (R) File 399: CA SEARCH (R)
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136113831 CA: 136(8)113831s PATENT
Fungal cell wall glycosylphosphatidylinositol (GPI)-anchored protein
transport-related gene GWT1 and use in screening antifungal agents
INVENTOR(AUTHOR): Tsukahara, Kappei; Hata, Katsura; Sagane, Koji;
Nakamoto, Kazutaka; Tsuchiya, Mariko; Watanabe, Naoki; Oba, Fuminori;
Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko
LOCATION: Japan,
ASSIGNEE: Eisai Co., Ltd.
PATENT: PCT International ; WO 200204626 A1 DATE: 20020117
APPLICATION: WO 2001JP5899 (20010706) *JP 2000206968 (20000707) *JP
2000316027 (20001017)
PAGES: 297 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATION:
CLASS: C12N-015/09A; C07K-014/37B; C07K-016/14B; G01N-033/15B;
G01N-033/50B; A61K-039/395B; A61K-045/00B; A61K-031/4355B; A61K-031/4365B;
A61K-031/437B; A61K-031/44B; A61K-031/472B; A61K-031/4725B; A61K-031/5377B;
A61P-031/10B; C07D-213/16B; C07D-213/61B; C07D-213/65B; C07D-213/69B;
C07D-213/74B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KZ; LC; LR; LS; LT; LU; LV;
MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK;
SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
; UG; ZW AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3, K/10 (Item 8 from file: 399)
DI ALCO (R) File 399: CA SEARCH (R)
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136052784 CA: 136(4)52784e PATENT
Novel polycyclic compounds, their use as antifungal agents, and their
manufacture with Fumicola species
INVENTOR(AUTHOR): Hata, Katsura; Okuda, Akifumi; Yamamoto, Satoshi;

Sakata, Noriaki; Dobashi, Kazuyuki

LOCATION: Japan,

ASSIGNEE: Mercian Corp.; Eisai Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho; JP 2001354693 A2 DATE: 20011225

APPLICATION: JP 2000175023 (20000612)

PAGES: 8 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATION:

CLASS: C07J-063/00A; A61K-031/57B; A61K-031/704B; A61P-031/10B;
C07H-015/256B; C12P-033/00B; C12R-001/645B

2/3, K/11 (Item 9 from file: 399)

DI ALCOG R) File 399: CA SEARCH(R)

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136036488 CA: 136(3)36488f PATENT

EMF2638 manufacture with Mortierella alpina

INVENTOR(AUTHOR): Hata, Katsura; Fujita, Masanobu; Sakata, Noriaki;

Tsuchihashi, Kazuyuki

LOCATION: Japan,

ASSIGNEE: Mercian Corp.; Eisai Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho; JP 2001354695 A2 DATE: 20011225

APPLICATION: JP 2000175024 (20000612)

PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATION:

CLASS: C07K-007/06A; A61K-038/00B; A61P-031/10B; C12P-021/02B;
C12R-001/645B

2/3, K/12 (Item 10 from file: 399)

DI ALCOG R) File 399: CA SEARCH(R)

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126098687 CA: 126(8)98687x JOURNAL

ER-30346. Triazole antifungal

AUTHOR(S): Naito, Toshihiko; Hata, Katsura; Tsuruoka, Akihiko

LOCATION: Department Drug Discovery, Eisai Co., Ltd., Tsukuba, Japan,

300-26

JOURNAL: Drugs Future DATE: 1996 VOLUME: 21 NUMBER: 1 PAGES: 20-24

CODEN: DRFUD4 ISSN: 0377-8282 LANGUAGE: English PUBLISHER: Prous

2/3, K/13 (Item 11 from file: 399)

DI ALCOG R) File 399: CA SEARCH(R)

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125316267 CA: 125(25)316267h JOURNAL

Efficacy of ER-30346, a novel oral triazole antifungal agent, in

experimental models of aspergillosis, candidiasis, and cryptococcosis

AUTHOR(S): Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshiro;

Moriyama, Megumi; Katsu, Kanemasa

LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26

JOURNAL: Antimicrob. Agents Chemother. DATE: 1996 VOLUME: 40 NUMBER:

10 PAGES: 2243-2247 CODEN: AMACQJ ISSN: 0066-4804 LANGUAGE: English

2/3, K/14 (Item 12 from file: 399)

DI ALCOG R) File 399: CA SEARCH(R)

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125292322 CA: 125(23)292322u JOURNAL

In vitro and in vivo antifungal activities of ER-30346, a novel oral
triazole with a broad antifungal spectrum

10536935.txt

AUTHOR(S): Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshi o;
Nakamura, Toshihiro; Katsu, Kanemasa
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26
JOURNAL: Antimicrob. Agents Chemother. DATE: 1996 VOLUME: 40 NUMBER:
10 PAGES: 2237-2242 CODEN: AMACQ ISSN: 0066-4804 LANGUAGE: English

2/3, K/15 (Item 13 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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123340144 CA: 123(25)340144v PATENT
Preparation ofazole antifungal agents
INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Kaku, Yumiko;
Tsuruoka, Akihiko; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshi o;
Nara, Kazumasa
LOCATION: Japan,
ASSIGNEE: Eisai Co., Ltd.
PATENT: European Pat. Appl.; EP 667346 A2 DATE: 950816
APPLICANT: EP 95101489 (950203) *JP 9433268 (940207) *JP 94174894
(940705) *JP 94208203 (940810) *JP 94306467 (941209)
PAGES: 153 pp. CODEN: EPXDW LANGUAGE: English
PATENT CLASSIFICATIONS:

CLASS: C07D-417/06A; A01N-043/653B; A61K-031/41B; C07D-417/14B;
C07D-409/06B; C07D-413/06B; C07D-409/14B; C07D-403/10B

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU;
NL; PT; SE

2/3, K/16 (Item 14 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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122150892 CA: 122(13)150892u JOURNAL
Effects of cefclidin on experimental respiratory infection caused by
Pseudomonas aeruginosa in immunosuppressed mice
AUTHOR(S): Toyosawa, Toshi o; Hata, Katsura; Ueno, Junko; Moriyama, Megumi
; Katsu, Kanemasa
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26
JOURNAL: Chemotherapy (Tokyo) DATE: 1994 VOLUME: 42 NUMBER: 11
PAGES: 1242-6 CODEN: NKRRZ ISSN: 0009-3165 LANGUAGE: Japanese

2/3, K/17 (Item 15 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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118000301 CA: 118(1)301d JOURNAL
In vivo antibacterial activity of cefclidin
AUTHOR(S): Toyosawa, Toshi o; Satoh, Masaru; Sugihara, Yoshiaki; Hiruma,
Ryoichi; Hata, Katsura; Moriyama, Megumi; Katsu, Kanemasa; Kitoh, Kyosuke
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26
JOURNAL: Chemotherapy (Tokyo) DATE: 1992 VOLUME: 40 NUMBER: Suppl. 4
PAGES: 73-80 CODEN: NKRRZ ISSN: 0009-3165 LANGUAGE: Japanese

2/3, K/18 (Item 16 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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117188153 CA: 117(19)188153p JOURNAL
In vitro and in vivo antibacterial activities of E1077, a novel
parenteral cephalosporin with a broad antibacterial spectrum
Page 6

10536935.txt

AUTHOR(S): Hata, Katsura; Otsuki, Masako; Nishino, Takeshi
LOCATION: Dep. Microbiol., Kyoto Pharm Univ., Kyoto, Japan, 607
JOURNAL: Antimicrob. Agents Chemother. DATE: 1992 VOLUME: 36 NUMBER: 9
PAGES: 1894-901 CODEN: AMACQ ISSN: 0066-4804 LANGUAGE: English

2/3, K/19 (Item 17 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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117124026 CA: 117(13)124026s JOURNAL

Effect of cefclodin and E1077, new cephalosporins, on the
alcohol-metabolizing system in rats

AUTHOR(S): Watanabe, Naoki; Asakawa, Naoki; Toyosawa, Toshio; Hiruma,
Ryoei; Hata, Katsura; Ueno, Junko; Katsu, Kanemasa; Yoshida, Yutaka

LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26

JOURNAL: Jpn. J. Antibiot. DATE: 1992 VOLUME: 45 NUMBER: 4 PAGES:
364-70 CODEN: JJANAX ISSN: 0368-2781 LANGUAGE: Japanese

2/3, K/20 (Item 18 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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109226382 CA: 109(25)226382g JOURNAL

Comparative studies of strains Ictero No. 1 and FGA as the type strain of
Leptospira interrogans: agglutinin absorption test, protein and antigen
profiles, and enzyme activities

AUTHOR(S): Hata, Katsura; Ono, Etsuro; Yanagawa, Ryo

LOCATION: Fac. Vet. Med., Hokkaido Univ., Hokkaido, Japan, 060

JOURNAL: Microbiol. Immunol. DATE: 1988 VOLUME: 32 NUMBER: 8 PAGES:
817-32 CODEN: MIMDV ISSN: 0385-5600 LANGUAGE: English

2/3, K/21 (Item 1 from file: 32)

DIALOG(R) File 32: METADEX

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0004775552 I.P. ACCESSION NO: 200909-71-1230035

Fungal cell wall synthesis gene

Takahara, Kapei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka;
Tsuchiya, Mamiko; Watanabe, Naoki; Ohba, Fumihiko; Tsukada, Itaru; Ueda,
Norihiko; Tanaka, Keigo; Kai, Junko

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netacgi/
nft/PTOsearch-adv.htm&r=1&f=G&d=50&d=PTXT&S1=7541332. PN. &CS=pn/7541332&
RS=PN/7541332

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Takahara, Kapei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka;
Tsuchiya, Mamiko; Watanabe, Naoki; Ohba, Fumihiko; Tsukada, Itaru; Ueda,
Norihiko...

2/3, K/22 (Item 2 from file: 32)

DIALOG(R) File 32: METADEX

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0002744677 IP ACCESSION NO. 200808-71-0982933

Antifungal agents, and compositions

Naito, Toshihiro; Hata, Katsura; Kaku, Yumi; Tsuruoka, Akihiro;
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=H1 TOFF&u=/netacgi/nph/PTOsearch-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=5648372. PN. &CS=pn/5648372&RS=PN/5648372

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Naito, Toshihiro; Hata, Katsura; Kaku, Yumi; Tsuruoka, Akihiro;
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa

2/3, K/23 (Item 3 from file: 32)

DI ALCOPI File 32: METADEX

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0002161983 IP ACCESSION NO. 200805-71-631352

Antifungal agents, processes for the preparation thereof, and intermediates

Naito, Toshihiro; Hata, Katsura; Kaku, Yumi; Tsuruoka, Akihiro;
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=H1 TOFF&u=/netacgi/nph/PTOsearch-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=5792781. PN. &CS=pn/5792781&RS=PN/5792781

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Naito, Toshihiro; Hata, Katsura; Kaku, Yumi; Tsuruoka, Akihiro;
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa
? E AU=TSUKAHARA, KAPPEI

Ref	Items	Index-term
E1	6	AU=TSUKAHARA, KACRU
E2	1	AU=TSUKAHARA, KACRU (TOHO UNIV., TOKYO (JAPAN). S
E3	83	*AU=TSUKAHARA, KAPPEI
E4	1	AU=TSUKAHARA, KATSUHEI
E5	1	AU=TSUKAHARA, KATSUMI
E6	1	AU=TSUKAHARA, KAYO
E7	34	AU=TSUKAHARA, KAZUE
E8	2	AU=TSUKAHARA, KAZUHI SA
E9	1	AU=TSUKAHARA, KAZUHI TO
E10	2	AU=TSUKAHARA, KAZUMI
E11	1	AU=TSUKAHARA, KAZUTA
E12	7	AU=TSUKAHARA, KAZUTAKA

Enter P or PAGE for more

? S E3

S3

83 AU= TSUKAHARA, KAPPEI'

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S4 77 RD (unique items)

? T S4/3, K/1-5

>>>KWC option is not available in file(s): 399

4/3, K/1 (Item 1 from file: 143)

DI ALCOG R) File 143: Biol. & Agric. Index

(c) 2010 The HW Wilson Co. All rts. reserv.

1112945 H.W. WILSON RECORD NUMBER: BBAI 98054686

An RNA binding protein negatively controlling differentiation in fission yeast

Tsukahara, Kappei

Yamamoto, Hanako; Okayama, Hiroto

Molecular and Cellular Biology v. 18 no8 (Aug. 1998) p. 4488-98

DOCUMENT TYPE: Feature Article ISSN: 0270-7306

Tsukahara, Kappei

4/3, K/2 (Item 2 from file: 143)

DI ALCOG R) File 143: Biol. & Agric. Index

(c) 2010 The HW Wilson Co. All rts. reserv.

1029098 H.W. WILSON RECORD NUMBER: BBAI 99026829

Isolation of a mammalian homologue of a fission yeast differentiation regulator

Yamamoto, Hanako

Tsukahara, Kappei; Kanaoka, Yoshihide

Molecular and Cellular Biology v. 19 no5 (May 1999) p. 3829-41

DOCUMENT TYPE: Feature Article ISSN: 0270-7306

Tsukahara, Kappei...

4/3, K/3 (Item 1 from file: 393)

DI ALCOG R) File 393: Beilstein Database - Abstracts

(c) 2008 Beilstein GmbH. All rts. reserv.

Beilstein Abstract Id: 6662683

Title: Anticancer Agent E7070 Inhibits Amino Acid and Uracil Transport in Fission Yeast

Document Type: Journal Record Type: Abstract

Author: Tsukahara, Kappei; Watanabe, Tatsu; Hata-Sugi, Naoko;

Yoshimatsu, Kentaro; Okayama, Hiroto; Nagasu, Takeshi

Citation: Mol. Pharmacol. (2001) Series: 60-6, 1254 - 1259 CODEN: MOPMA3

Language: English

Abstract Language: English

Author: Tsukahara, Kappei; Watanabe, Tatsu; Hata-Sugi, Naoko;

Yoshimatsu, Kentaro; Okayama, Hiroto; Nagasu, Takeshi

4/3, K/4 (Item 2 from file: 393)

DI ALCOG R) File 393: Beilstein Database - Abstracts

(c) 2008 Beilstein GrbH. All rts. reserv.

Beilstein Abstract Id: 6471996

Title: Synthesis and Evaluation of Novel Pyrimido-Acridone, -Phenoxadine, and -Carbazole as Topoisomerase II Inhibitors

Document Type: Journal Record Type: Abstract

Author: Kamata, Junichi; Okada, Toshi mi; Kotake, Yoshi hi ko; Nijima, Jun; Nakamura, Katsuji; Uenaka, Toshi mitsu; Yamaguchi, At sumi; Tsukahara, Kappai; Nagasu, Takeshi; Koyanagi, Nozomu; Kito, Kyosuke; et al.

Citation: Chem Pharm Bull. (2004) Series: 52-9, 1071 - 1081 CODEN: CPBTAL Language: English

Abstract Language: English

Author: Kamata, Junichi; Okada, Toshi mi; Kotake, Yoshi hi ko; Nijima, Jun; Nakamura, Katsuji; Uenaka, Toshi mitsu; Yamaguchi, At sumi; Tsukahara, Kappai; Nagasu, Takeshi; Koyanagi, Nozomu; Kito, Kyosuke; et al.

4/3, K/5 (Item 1 from file: 399)

DIALCO (R) File 399: CA SEARCH (R)

(c) 2010 American Chemical Society. All rts. reserv.

152280159 CA: 152(13)280159 JOURNAL

MPRI as a novel selection marker in *Saccharomyces cerevisiae*

AUTHOR(S): Ogawa-Mitsuhashi, Kaoru; Sagane, Koji; Kuromitsu, Junro;

Takagi, Hiroshi; Tsukahara, Kappai

LOCATION: Tsukuba Research Laboratories, Eisai Co. Ltd, 5-1-3 Tokodai, Tsukuba, Ibaraki, Japan, 300-2635

JOURNAL: Yeast (Yeast) DATE: 2009 VOLUME: 26 NUMBER: 11 PAGES:

587-593 CODEN: YESTE3 ISSN: 0749-503X LANGUAGE: English PUBLISHER: John Wiley & Sons Ltd.

? E AU=TSUCHIYA, MAM KO

Ref	Items	Index-term
E1	11	* AU=TSUCHIYA, MAM KO
E2	7	AU=TSUCHIYA, MAMCRU
E3	8	AU=TSUCHIYA, MANABU
E4	38	AU=TSUCHIYA, MANAM
E5	3	AU=TSUCHIYA, MARI
E6	1	AU=TSUCHIYA, MARI E HAASE
E7	8	AU=TSUCHIYA, MARI KO
E8	22	AU=TSUCHIYA, MASA
E9	17	AU=TSUCHIYA, MASA AKI
E10	1	AU=TSUCHIYA, MASAFUM
E11	1	AU=TSUCHIYA, MASAGO
E12	2	AU=TSUCHIYA, MASAHARA

Enter P or PAGE for more

? S E1
 S5 11 AU= TSUCHIYA, MAM KO
 ? ED

Ref	Items	RT	Index-term
E1	6		C9999
E2	3		C9999
E3	14888773	13	* D
E4	1		D C ORANGE NO. 17-M
E5	2		D C ORANGE 17
E6	3		D RED BLOOD CELL
E7	1		D .
E8	1		D . DENTIFER

E9 1 D. DREHERI
 E10 1 D. FILISTOVA
 E11 1 D. LYROI DES
 E12 1 D. M. CROPS AQUILONIUS

Enter P or PAGE for more

? S E5

S6 2 'D C ORANGE 17'

? E AU=TSUCHIYA, MAM KO

Ref	Items	Index-term
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E2	7	AU=TSUCHIYA, MAMORI
E3	8	AU=TSUCHIYA, MANABU
E4	38	AU=TSUCHIYA, MANAMI
E5	3	AU=TSUCHIYA, MARI
E6	1	AU=TSUCHIYA, MARI E HAASE
E7	8	AU=TSUCHIYA, MARI KO
E8	22	AU=TSUCHIYA, MASA
E9	17	AU=TSUCHIYA, MASA AKI
E10	1	AU=TSUCHIYA, MASAFUMI
E11	1	AU=TSUCHIYA, MASAGO
E12	2	AU=TSUCHIYA, MASAHARA

Enter P or PAGE for more

? S E1

S7 11 AU=TSUCHIYA, MAM KO

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 10 RD (unique items)

? T S8/3, K/1-10

>>>KWIC option is not available in file(s): 399

8/3, K/1 (Item 1 from file: 393)

DI ALCO R File 393: Beilstein Database - Abstracts

(c) 2008 Beilstein GmbH. All rights reserved.

Beilstein Abstract Id: 6154478

Title: Helicobacter pylori Urease Inhibition by Rabeprazole, a Proton Pump Inhibitor

Document Type: Journal Record Type: Abstract

Author: Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak;

Kobashi, Kyoichi

Citation: Biol. Pharm. Bull. (1995) Series: 18-8, 1053 - 1056 CODEN:

BPBLEO Language: English

Abstract Language: English

Author: Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak;

Kobashi, Kyoichi

8/3, K/2 (Item 1 from file: 399)

DI ALCO R File 399: CA SEARCH R

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141035948 CA: 141(3)35948x PATENT

Method for screening compound inhibiting enzymatic activity of GWT gene product

10536935.txt

INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mami ko; Jigami, Yoshifumi;
Nakayama, Kenichi; Uremura, Mariko; Okamoto, Mochio

LOCATTION: Japan,

ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial
Science and Technology

PATENT: PCT International ; WO 200448604 A1 DATE: 20040610

APPLICATTION: WO 2003JP14909 (20031121) *JP 2002339418 (20021122)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATION:

CLASS: C12Q 001/02A; G01N 033/50B; G01N 033/15B; C12N 015/55B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;
LU; LV; MA; MD; MG; MK; MN; MW; MX; MY; NI; NO; NZ; OM; PG; PH; PL; PT; RO;
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MY; SD; SG;
SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3, K/3 (Item 2 from file: 399)

DIALOGR File 399: CA SEARCH(R)

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139194280 CA: 139(13)194280y JOURNAL

Medicinal genetics approach towards identifying the molecular target of a
novel inhibitor of fungal cell wall assembly

AUTHOR(S): Tsukahara, Kappei; Hata, Katsura; Nakamoto, Kazutaka; Sagane,
Koji; Vatanabe, Naoki; Kuromitsu, Junro; Kai, Junko; Tsuchiya, Mami ko;
Chiba, Fumio; Jigami, Yoshifumi; Yoshimatsu, Kentaro; Nagasu, Takeshi

LOCATTION: Tsukuba Research Laboratories, Eisai Co., Ltd, Ibaraki, Japan,
300-2635

JOURNAL: Mol. Microbiol. (Molecular Microbiology) DATE: 2003 VOLUME: 48

NUMBER: 4 PAGES: 1029-1042 CODEN: MOOEE ISSN: 0950-382X LANGUAGE:

English PUBLISHER: Blackwell Publishing Ltd.

8/3, K/4 (Item 3 from file: 399)

DIALOGR File 399: CA SEARCH(R)

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139111614 CA: 139(8)111614m PATENT

Method of screening compound having fungal cell wall synthesis inhibitory
activity

INVENTOR(AUTHOR): Tsukahara, Kappei; Sato, Toshitaka; Nakamoto, Kazutaka;
Tsuchiya, Mami ko; Sagane, Koji

LOCATTION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: PCT International ; WO 200358233 A1 DATE: 20030717

APPLICATTION: WO 2002JP13807 (20021227) *JP 2001401947 (20011228)

PAGES: 204 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATION:

CLASS: G01N 033/15A; G01N 033/50B; G01N 033/566B; A61K 045/00B;

A61P 031/10B; C07K 014/195B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV;
MA; MD; MG; MK; MN; MW; MX; MY; NI; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD; SE;
SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW;
MZ; SD; SL; SZ; UG; ZM; ZW AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF; CG; CI;

OM GA; GN; GQ; GW ML; MR; NE; SN; TD; TG

8/3, K/5 (Item 4 from file: 399)

DIALCOG(R) File 399: CA SEARCH(R)

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136113831 CA: 136(8)113831s PATENT
Fungal cell glycosyl phosphatidylinositol (GPI)-anchored protein transport-related gene *GM1* and use in screening antifungal agents
INVENTOR(AUTHOR): Tsukahara, Kappei; Hata, Katsura; Sagane, Koji;
Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoki; Coa, Fumio;
Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: PCT International; WO 200204626 A1 DATE: 20020117

APPLICATI ON: WO 2001JP5899 (20010706) *JP 2000206968 (20000707) *JP
2000316027 (20001017)

PAGES: 297 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFI CATIONS:

CLASS: C12N-015/09A; C07K-014/37B; C07K-016/14B; G01N-033/15B;
G01N-033/50B; A61K-039/395B; A61K-045/00B; A61K-031/4355B; A61K-031/4365B;
A61K-031/437B; A61K-031/44B; A61K-031/472B; A61K-031/4725B; A61K-031/5377B;
A61P-031/10B; C07D-213/16B; C07D-213/61B; C07D-213/65B; C07D-213/69B;
C07D-213/74B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LI; LR; LS; LT; LU; LV;
MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK;
SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW AM; AZ; BY; KG; KZ;
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
; UG; ZW AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; TR; BF; BJ; CF; CG; CI; OM; GA; GN; GW ML; MR; NE; SN; TD; TG

8/3, K/6 (Item 5 from file: 399)

DIALCOG(R) File 399: CA SEARCH(R)

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130220288 CA: 130(17)220288t JOURNAL
Studies on crude drugs effective on growth of *Helicobacter pylori*. Growth
inhibitors in Kaempferia rhizoma
AUTHOR(S): Inada, Akira; Nakaniishi, Tsutomu; Imamura, Lisa; Tsuchiya,
Mamiko; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Setsunan University, Osaka,
Japan, 573-01

JOURNAL: Int. Congr. Ser. DATE: 1998 VOLUME: 1157 NUMBER: Towards
Natural Medicine Research in the 21st Century PAGES: 319-326 CODEN:
EXMDA4 ISSN: 0531-5131 LANGUAGE: English PUBLISHER: Elsevier Science
B.V.

8/3, K/7 (Item 6 from file: 399)

DIALCOG(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rts. reserv.

124140618 CA: 124(11)140618m JOURNAL
Inhibition of urease and growth of *Helicobacter pylori* by herb extracts
AUTHOR(S): Imamura, Lisa; Tsuchiya, Mamiko; Inada, Akira; Nakaniishi,
Tsutomu; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Toyama Medical and
Pharmaceutical Univ., Japan,

JOURNAL: Wakan Iyakuugaku Zasshi DATE: 1995 VOLUME: 12 NUMBER: 2

8/3, K/8 (Item 7 from file: 399)

DI ALCQ(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rts. reserv.

123249869 CA: 123(19)249869z JOURNAL

Helicobacter pylori urease inhibition by rabeprazole, a proton pump inhibitor

AUTHOR(S): Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Toyama Medical and Pharmaceutical University, Toyama, Japan, 930-01

JOURNAL: Biol. Pharm. Bull. DATE: 1995 VOLUME: 18 NUMBER: 8 PAGES: 1053-6 CODEN: BPBLEO ISSN: 0918-6158 LANGUAGE: English

8/3, K/9 (Item 8 from file: 399)

DI ALCQ(R) File 399: CA SEARCH(R)

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122285311 CA: 122(23)285311z JOURNAL

Inhibition of Helicobacter pylori urease activity by hydroxamic acid derivatives

AUTHOR(S): Odake, Shinjiro; Morikawa, Tadanori; Tsuchiya, Mamiko; Imamura, Lisa; Kobashi, Kyoichi

LOCATION: Research Laboratories II, Fuji Chemical Industries, Ltd., Toyama, Japan, 933

JOURNAL: Biol. Pharm. Bull. DATE: 1994 VOLUME: 17 NUMBER: 10 PAGES: 1329-32 CODEN: BPBLEO ISSN: 0918-6158 LANGUAGE: English

8/3, K/10 (Item 1 from file: 32)

DI ALCQ(R) File 32: METADEX

(c) 2010 CSA. All rts. reserv.

000477552 IP ACCESSION NO: 200909-71-1230035

Fungal cell wall synthesis gene

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fumiori; Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht
m/PTO/sear ch-adv. ht m&r=1&p=1&f=G&l=50&d=PTXT&S1=7541332. PN.&CS=pn/7541332&
RS=PN 7541332

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fumiori; Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko
? E AU=JIGAM, YOSHI FUM

Ref Items Index-term

E1 1 AU=JIGAM, Y.*

E2 6 AU=JIGAM, Y.*

```

E3      274 *AU=J I GAM , YOSHI FUM
E4      4   AU=J I GAM , YOSHI FUM *
E5      2   AU=J I GAM , YOSHI HUM
E6      1   AU=J I GAM A Y
E7      1   AU=J I GAM AN, GREGORY Z
E8      4   AU=J I GAM WANG
E9      1   AU=J I GAM, C.
E10     1   AU=J I GAM, WANG
E11     1   AU=J I GANASA, AM N
E12     1   AU=J I GANG A

```

Enter P or PAGE for more

? S E1-E6

```

      1 AU=J I GAM , Y.*
      6 AU=J I GAM , Y*
    274 AU=J I GAM , YOSHI FUM
      4 AU=J I GAM , YOSHI FUM *
      2 AU=J I GAM , YOSHI HUM
      1 AU=J I GAM A Y
S9    288 E1-E6

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? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S10 215 RD (unique items)
? S S10 AND ?I NOSI TOL?

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Processing
Processing
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Processing
Processing
Processed 20 of 55 files ...
Processing
Processed 30 of 55 files ...
Processing
Processed 40 of 55 files ...
Processing
Processed 50 of 55 files ...
Completed processing all files

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215 S10

169 ?I NOSI TOL?

S11 0 S10 AND ?I NOSI TOL?

?

? ds

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Set      Items  Description
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S2        23   RD (unique items)
S3        83   AU=' TSUKAHARA, KAPPEI'
S4        77   RD (unique items)
S5        11   AU=' TSUCHI YA, MAM KO
S6         2   ' D C ORANGE 17'
S7        11   AU=' TSUCHI YA, MAM KO
S8        10   RD (unique items)
S9       288   E1-E6
S10       215  RD (unique items)
S11        0   S10 AND ?I NOSI TOL?
? e au=ji gam , yoshi fum

```

```

Ref  Items  Index-term
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E2      6  AU=JI GAM, Y*
E3     274  *AU=JI GAM, YOSHI FUM
E4      4  AU=JI GAM, YOSHI FUM*
E5      2  AU=JI GAM, YOSHI HUM
E6      1  AU=JI GAM A Y
E7      1  AU=JI GAM AN, GREGORY Z
E8      4  AU=JI GAM WANG
E9      1  AU=JI GAM, C.
E10     1  AU=JI GAM, WANG
E11     1  AU=JI GANASA, AM N
E12     1  AU=JI GANG A

```

Enter P or PAGE for more

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? s e1-e6 and (GWT)
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      6  AU=JI GAM, Y*
     274  AU=JI GAM, YOSHI FUM
      4  AU=JI GAM, YOSHI FUM*
      2  AU=JI GAM, YOSHI HUM
      1  AU=JI GAM A Y
     592  GWT
      S12  0  E1-E6 AND (GWT)

```

```

? s e1-e6
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      6  AU=JI GAM, Y*
     274  AU=JI GAM, YOSHI FUM
      4  AU=JI GAM, YOSHI FUM*
      2  AU=JI GAM, YOSHI HUM
      1  AU=JI GAM A Y
     S13  288  E1-E6

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```

? s s13 and (cerevis?)
      288  S13
     806176  CEREVI S?
      S14  146  S13 AND (CEREVI S?)

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```

? s s14 and (fung? or yeast)
      146  S14
     4370419  FUNG?
     1455500  YEAST
      S15  111  S14 AND (FUNG? OR YEAST)

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? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

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? t s16/3,k/1-5

>>>KWC option is not available in file(s): 399

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16/3,K/1 (Item 1 from file: 24)
DI ALCO (R) File 24: CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

```

0003853883 IP ACCESSION NO. 10843386
 Production of human beta -hexosaminidase A with highly phosphorylated
 N-glycans by heterologous expression of the *Cgataea minuta* MN4 gene

Akeboshi, Hiromi; Kasahara, Yoshi ko; Tsuji, Dai suke; Itoh, Kohji;
 Sakuraba, Hitoshi; Chiba, Yasunori; Jigami, Yoshifumi

10536935.txt

[mailto:y-chiba@ist.go.jp; jigam.yoshi@ist.go.jp]

Glycobiology, v 19, n 9, p 1002-1009, September 2009

PUBLICATION DATE: 2009

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street
Oxford OX2 6DP UK

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0959-6658

ELECTRONIC ISSN: 1460-2423

FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s (M c r o b i o l o g y C)

Akeboshi, Hiromi; Kasahara, Yoshiiko; Tsuji, Daisuke; Itoh, Kohji;

Sakuraba, Hitoshi; Chiba, Yasunori; Jigam, Yoshifumi

ABSTRACT:

... potentially therapeutic enzyme for GM2-gangliosidosis. Recombinant HexA has been produced by using the methylotrophic yeast *Cgataea minuta* as a host, and the purified enzyme was tested for its replacement effect...

... of recombinant beta-hexosaminidase A N-glycans is suggested to be prerequisite. In the budding yeast *Saccharomyces cerevisiae*, the overexpression of MN4, which encodes a positive regulator of mannosylphosphate transferase, led to increased...

... gene under the control of the alcohol oxidase promoter in a beta-hexosaminidase A-producing yeast strain. Structural analysis of pyridylamine-labeled N-glycans by high-performance liquid chromatography revealed that...

... DESCRIPTORS: chromatography; N-glycans; Phosphorylation; Promoters; beta-N-double prime Acetylhexosaminidase; genomes; lysosomal storage diseases; *Saccharomyces cerevisiae*

16/3,K/2 (Item 2 from file: 24)

DIALOG(R) File 24: CSA Life Sciences Abstracts

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0003851680 I P ACCESSION NO: 10835482

Development of valuable yeast strains using a novel mutagenesis technique for the effective production of therapeutic glycoproteins

Abe, Hiroko; Takaoka, Yuki; Chiba, Yasunori; Sato, Natsuko; Chigiya, Satoru; Itadani, Akiko; Hirashima, Mitsuomi; Shimoda, Chikashi; Jigam, Yoshifumi; Nakayama, Ken-ichi

2 Health Technology Research Center, National Institute of Advanced Industrial Science and Technology (AIST), 2217-14, Hayashi, Takamatsu, Kagawa 761-0395, [mailto:k-nakayama@ist.go.jp]

Glycobiology, v 19, n 4, p 428-436, April 2009

PUBLICATION DATE: 2009

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street
Oxford OX2 6DP UK

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0959-6658

ELECTRONIC ISSN: 1460-2423

FILE SEGMENT: Al g o l o g y , M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s (M c r o b i o l o g y C)

Development of valuable yeast strains using a novel mutagenesis technique for the effective production of therapeutic glycoproteins

... Hiroko; Takaoka, Yuki; Chiba, Yasunori; Sato, Natuko; Ohgaya, Satoru; Itadani, Aiko; Hirashima, Mitsuomi; Shimoda, Chikashi; Jigami, Yoshifumi; Nakayama, Ken-ichi

ABSTRACT:

Yeast cells producing mammalian-type N-linked oligosaccharide show severe growth defects and the decreased protein productivity because of the disruption of yeast-specific glycosyltransferases. This decreased protein productivity in engineered yeast strains is an obstacle to the development of efficient glycoprotein production in yeast. For economic and effective synthesis of such therapeutic glycoproteins in yeast, the development of appropriate strains is highly desirable. We applied a novel mutagenesis technique that...

...the proofreading-deficient DNA polymerase delta variant encoded by the pol3-01 gene of *Saccharomyces cerevisiae* or the cdc6-1 gene of *Schizosaccharomyces pombe* to the engineered *S. cerevisiae* TI Y20 strain and *S. pombe* KT97 strain, respectively. TI Y20, which is deficient in the outer...

...strain, too. The development of these new mutants by the combination of genetic engineering of yeast and this mutagenesis technique are major breakthroughs for the production of therapeutic glycoproteins in engineered yeast cells.

... DESCRIPTORS: directed DNA polymerase; Economics; Genetic engineering; Genetically engineered microorganisms; Glycoproteins; Glycosyl transferase; Mutagenesis; mannans; oligosaccharides; *Saccharomyces cerevisiae*; *Schizosaccharomyces pombe*

16/3, K/3 (Item 3 from file: 24)

DI ALCO R File 24: CSA Life Sciences Abstracts
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0003820073 IP ACCESSION NO: 10243888

Upregulation of Genes Involved in Gluconeogenesis and the Glyoxylate Cycle Suppressed the Drug Sensitivity of an N-Glycan-Deficient *Saccharomyces cerevisiae* Mutant

Abe, Hiroko; Fujita, Yasuko; Chiba, Yasunori; Jigami, Yoshifumi; Nakayama, Ken-ichi
Health Technology Research Center, National Institute of Advanced Industrial Science and Technology (AIST)

Bioscience, Biotechnology, and Biochemistry, v 73, n 6, p 1398-1403, 2009
PUBLICATION DATE: 2009

PUBLISHER: Japan Society for Bioscience, Biotechnology, and Agrochemistry - Nippon Nogei Kagaku Kai, 2-4-16 Yayoi Bunkyo-ku Tokyo 113-0032 Japan,
[URL: <http://www.jsbba.or.jp>]
PUBLISHER URL: [URL: <http://www.jstage.jst.go.jp/article/bbb/73/6/1398/pdf>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ISSN: 0916-8451
 ELECTRONIC ISSN: 1347-6947
 FILE SEGMENT: Genetics Abstracts; Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y
 Abstracts (M i c r o b i o l o g y C); B i o t e c h n o l o g y R e s e a r c h A b s t r a c t s

... G u c o n e o g e n e s i s a n d t h e G y o x y l a t e C y c l e S u p p r e s s e d t h e D r u g S e n s i t i v i t y
 o f a n N - G y c a n - D e f i c i e n t S a c c h a r o m y c e s c e r e v i s i a e M u t a n t

Abe, Hiroko; Fujita, Yasuko; Chi ba, Yasunori; Jigami, Yoshifumi;
 Nakayama, Ken-ichi

ABSTRACT:

Saccharomyces cerevisiae strain TLY20, which produces a mammalian
 high- mannose type N-glycan, exhibits a severe growth defect due to
 disruption of yeast-specific outer chain mannosyltransferases. We
 have isolated a more fit strain, YAB103, from TLY20 by...

... DESCRIPTORS: Evolution; Gene expression; G u c o n e o g e n e s i s; G u c o s e;
 G y o x y l a t e c y c l e; Mannose; Mutagenesis; N-glycans; glucans;
 hygromycin B; Saccharomyces cerevisiae
 ... SUBJECT: Fungi; 03310

16/3, K/4 (Item 4 from file: 24)
 DIALOG(R) File 24: CSA Life Sciences Abstracts
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0003689371 I P ACCESSION NO: 7877418
 Interaction of GDP-4-keto-6-deoxymannose-3,5-epimerase-4-reductase with
 GDP-mannose-4,6-dehydratase stabilizes the enzyme activity for formation of
 GDP-fucose from GDP-mannose

Nakayama, Ken-ichi; Maeda, Yumi; Jigami, Yoshifumi

Glycobiology, v 13, n 10, p 673, October 2003
 PUBLICATION DATE: 2003

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street

DOCUMENT TYPE: Journal Article
 RECORD TYPE: Abstract
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ISSN: 0959-6658
 ELECTRONIC ISSN: 1460-2423
 FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s (M i c r o b i o l o g y C)

Nakayama, Ken-ichi; Maeda, Yumi; Jigami, Yoshifumi

ABSTRACT:

... ket o - 6 - d e o x y m a n n o s e - 3 , 5 - e p i m e r a s e - 4 - r e d u c t a s e g e n e f r o m A r a b i d o p s i s
 t h a l i a n a (A t F X / G E R 1) . T h e y e a s t S a c c h a r o m y c e s c e r e v i s i a e w a s
 t r a n s f e c t e d w i t h t h e A t F X / G E R 1 g e n e c o e x p r e s s e d w i t h
 G D P - m a n n o s e - 4 , 6 - d e h y d r a t a s e g e n e . . .

... activity was analyzed by measuring the amount of GDP-fucose produced in
 the cytoplasm of yeast cells. The amount of GDP-fucose in cells
 coexpressing MUR1 and AtFX/GER1 genes was...

...this coexpression system is suitable for production of the valuable sugar nucleotide GDP-fucose in yeast.

DESCRIPTORS: Cytoplasm; Enzymes; GDP-fucose; GDP-mannose; Immunoprecipitation; Nucleotides; Sugar; Arabidopsis thaliana; Saccharomyces cerevisiae

16/3, K/5 (Item 5 from file: 24)
 DIALOG(R) File 24: CSA Life Sciences Abstracts
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0003686482 IP ACCESSION NO: 7288511
 Functional Analysis of Arabidopsis thaliana RHM2/MUM4, a Multidomain Protein Involved in UDP-D-glucose to UDP-L-rhamnose Conversion

Oka, Takuji; Neroto, Tadashi; Jigami, Yoshifumi
 Research Center for Glycoscience and the Biological Information Research Center, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki 305-8566, Japan

Journal of Biological Chemistry, v 282, n 8, p 5389-5403, February 2007
 PUBLICATION DATE: 2007

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650 Rockville Pike Bethesda MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org], [URL: http://www.jbc.org]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0021-9258

ELECTRONIC ISSN: 1083-351X

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Algology, Mycology & Protozoology Abstracts (Microbiology C)

Oka, Takuji; Neroto, Tadashi; Jigami, Yoshifumi

ABSTRACT:

... 4-keto-L-rhamnose 4-keto-reductase activities in the cytoplasm when expressed in the yeast Saccharomyces cerevisiae. Functional domain analysis revealed that the N-terminal region of RHM2 (RHM2-N; amino acids...

...DESCRIPTORS: activity; Feedback inhibition; Genomes; Kinetics; Mucilage; Nucleotides; Seeds; Site-directed mutagenesis; Sugar; Arabidopsis thaliana; Saccharomyces cerevisiae
 ? e au=nakayama, keniichi

Ref	Items	Index-term
E1	31	AU=NAKAYAMA, KENGO
E2	4	AU=NAKAYAMA, KENI CH
E3	165	*AU=NAKAYAMA, KENI CHI
E4	1	AU=NAKAYAMA, KENI CHI RO
E5	359	AU=NAKAYAMA, KENJI
E6	1	AU=NAKAYAMA, KENJI (CHUBU ELECTRIC POWER CO., INC
E7	16	AU=NAKAYAMA, KENJI RO
E8	1	AU=NAKAYAMA, KENPEI
E9	58	AU=NAKAYAMA, KENSAKU
E10	14	AU=NAKAYAMA, KENSEI

E11 1 AU=NAKAYAMA, KENSHI
E12 1 AU=NAKAYAMA, KENSHO

Enter P or PAGE for more

? s e3
S17 165 AU= NAKAYAMA, KENICHI
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S18 157 RD (unique items)
? s s18 and (GMT)
157 S18
592 GMT
S19 0 S18 AND (GMT)
? s s18 and (fung? or cerevis?)
157 S18
4370419 FUNG?
806176 CEREVI S?
S20 12 S18 AND (FUNG? OR CEREVI S?)
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S21 12 RD (unique items)
? t s21/3, k/1-12
>>>KWC option is not available in file(s): 399

21/3, K/1 (Item 1 from file: 399)
DI ALCOG (R) File 399: CA SEARCH (R)
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151280984 CA: 151(13)280984k PATENT
Development of yeast strains with promoted glyconeogenesis and production
of glycoproteins and .beta.-glucan
INVENTOR(AUTHOR): Abe, Hiroko; Fujita, Yasuko; Nakayama, Kenichi; Chi ba,
Yasunori; Jigami, Yoshifumi; Fujitani, Yoshiyuki; Katagiri, Nobuyoshi
LOCATION: Japan,
ASSIGNEE: National Institute of Advanced Industrial Science & Technology;
Neo-Morgan Laboratory Incorporated.
PATENT: Japan Kokai Tokkyo Koho; JP 2009183283 A DATE: 20090820
APPLICATION: JP 20094310 (20090113) *JP 20084850 (20080111)
PAGES: 26pp. CODEN: JKKXAF LANGUAGE: Japanese
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source Office:
C12N: 0015/09	A	I	F	B	20060101	20090724 H JP
C12N: 0001/19	A	I	L	B	20060101	20090724 H JP
C12P: 0021/02	A	I	L	B	20060101	20090724 H JP
C12P: 0019/04	A	I	L	B	20060101	20090724 H JP

21/3, K/2 (Item 2 from file: 399)
DI ALCOG (R) File 399: CA SEARCH (R)
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148231459 CA: 148(11)231459x PATENT
Robust, thermotolerant yeasts as expression hosts for the fermentation of

10536935.txt

glycoproteins or .beta.-glucan
INVENTOR(AUTHOR): Abe, Hiroko; Nakayama, Kenichi; Jigami, Yoshifumi;
Chiba, Yasunori; Takaoka, Yuki; Itadani, Akiyo
LOCATION: Japan,
ASSIGNEE: National Institute of Advanced Industrial Science and
Technology; Neo-Morgan Laboratory Incorporated
PATENT: U.S. Pat. Appl. Publ.: US 20080038778 A1 DATE: 20080214
APPLICATION: US 2007713540 (20070302) *JP 2006193445 (20060714) *JP
200731396 (20070212) *JP 200744796 (20070225)
PAGES: 41pp. CODEN: USXXOO LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 000435000
IPC/8 + Level Value Position Status Version Action Source Office:
C12P: 0021/00 A I F B 20060101 20080214 H US
C12N: 0001/16 A I L B 20060101 20080214 H US

21/3, K/3 (Item 3 from file: 399)
DIALCO(R) File 399: CA SEARCH(R)
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145286083 CA: 145(15)286083p PATENT
Production of UDP-xylose in yeast transformed with Arabidopsis
UDP-glucose dehydrogenase gene and UDP-glucuronate decarboxylase gene
INVENTOR(AUTHOR): Oka, Takuji; Nakayama, Kenichi; Jigami, Yoshifumi
LOCATION: Japan,
ASSIGNEE: National Institute of Advanced Industrial Science and
Technology
PATENT: PCT International; WO 200693289 A1 DATE: 20060908
APPLICATION: WO 2006JP304147 (20060303) *JP 200560476 (20050304) *JP
2005289481 (20051003)
PAGES: 27pp. CODEN: PIXD2 LANGUAGE: Japanese
PATENT CLASSIFICATIONS:

IPC/8 + Level Value Position Status Version Action Source Office:
C12N: 0015/00 A I F B 20060101 H JP
C12N: 0001/15 A I L B 20060101 H JP
C12N: 0001/19 A I L B 20060101 H JP
C12N: 0001/21 A I L B 20060101 H JP
C12N: 0005/10 A I L B 20060101 H JP
C12N: 0009/04 A I L B 20060101 H JP
C12N: 0015/09 A I L B 20060101 H JP
C12P: 0019/30 A I L B 20060101 H JP
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK;
LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR;
TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GG; GW; ML;
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;
ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

21/3, K/4 (Item 4 from file: 399)
DIALCO(R) File 399: CA SEARCH(R)
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141035948 CA: 141(3)35948x PATENT
Method for screening compound inhibiting enzymatic activity of GW1 gene
product
INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mariko; Jigami, Yoshifumi;
Nakayama, Kenichi; Umemura, Mariko; Okamoto, Mochio
Page 22

10536935.txt

LOCATION: Japan,
ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial
Science and Technology
PATENT: PCT International ; WO 200448604 A1 DATE: 20040610
APPLICANT: WO 2003JP14909 (20031121) *JP 2002339418 (20021122)
PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese
PATENT CLASSIFICATION:
CLASS: C12Q 001/02A; G01N 033/50B; G01N 033/15B; C12N 015/55B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; CH; GM; KE; LS; MW; MZ; SD; SL
; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

21/3, K/5 (Item 5 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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127077919 CA: 127(6)77919e PATENT
Cloning of gene MN6 encoding mannose-1-phosphate transferase from
Saccharomyces cerevisiae
INVENTOR(AUTHOR): Chigami, Yoshifumi; Nakayama, Kenichi; Shinma, Yoichi;
Q. Akiteru
LOCATION: Japan,
ASSIGNEE: Agency of Industrial Sciences and Technology
PATENT: Japan Kokai Tokkyo Koho; JP 97135689 A2; JP 09135689 DATE:
19970527
APPLICANT: JP 95299509 (19951117)
PAGES: 18 pp. CODEN: JKXXAF LANGUAGE: Japanese
PATENT CLASSIFICATION:
CLASS: C12N 015/09A; C07H 021/04B; C12N 001/19B; C12N 009/12B;
C12P 019/26B; C12R 001/865B

21/3, K/6 (Item 6 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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122008218 CA: 122(1)8218k PATENT
Recombinant manufacture of mannose-high proteins with yeast mutant
INVENTOR(AUTHOR): Chikami, Yoshifumi; Nakanishi, Yoko; Nakayama, Kenichi;
Tanaka, Atsushi
LOCATION: Japan,
ASSIGNEE: Kogyo Gijutsuin; Asahi Chemical Ind
PATENT: Japan Kokai Tokkyo Koho; JP 94277086 A2; JP 06277086 DATE:
941004
APPLICANT: JP 92297469 (921106)
PAGES: 14 pp. CODEN: JKXXAF LANGUAGE: Japanese
PATENT CLASSIFICATION:
CLASS: C12P 019/26A; C12N 001/16B; C12P 021/00B; C12N 015/52;
C12P 019/26J; C12R 001/865J; C12P 021/00K; C12R 001/865K

21/3, K/7 (Item 7 from file: 399)
DIALOG(R) File 399: CA SEARCH(R)
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121228884 CA: 121(19)228884u JOURNAL
Page 23

10536935.txt

Production of human glycoprotein pancreatic .alpha.-amylase in

.DELTA. och1 mn1 mutant of *Saccharomyces cerevisiae*

AUTHOR(S): Nakayama, Kenichi; Shima, Yohichi; Shindo, Yoko; Jigami, Yoshifumi

LOCATION: Natl. Inst. Biosci. Hum-Technol., Tsukuba, Japan, 305

JOURNAL: Seimei Kagaku Kogyo Gijutsu Kenkyusho Kenkyu Hokoku DATE: 1994

VOLUME: 2 NUMBER: 4 PAGES: 7-10 CODEN: SKGEM ISSN: 0919-5351

LANGUAGE: Japanese

21/3, K/8 (Item 8 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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119245061 CA: 119(23)245061z JOURNAL

Structure of the N-linked oligosaccharides that show the complete loss of

.alpha.-1,6-polymannose outer chain from och1, och1 mn1, and och1 mn1

alg3 mutants of *Saccharomyces cerevisiae*

AUTHOR(S): Nakaniishi-Shindo, Yoko; Nakayama, Kenichi; Tanaka, Atsushi; Toda, Yoshiko; Jigami, Yoshifumi

LOCATION: Natl. Inst. Biosci. Hum Technol., Tsukuba, Japan, 305

JOURNAL: J. Biol. Chem. DATE: 1993 VOLUME: 268 NUMBER: 35 PAGES:

26338-45 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English

21/3, K/9 (Item 9 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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119003845 CA: 119(1)3845r JOURNAL

OCH1 encodes a novel membrane bound mannosyltransferase: outer chain

elongation of asparagine-linked oligosaccharides

AUTHOR(S): Nakayama, Kenichi; Nagasu, Takeshi; Shima, Yohichi; Kuromitsu, Junro; Jigami, Yoshifumi

LOCATION: Natl. Chem Lab. Ind., Tsukuba, Japan,

JOURNAL: EMBO J. DATE: 1992 VOLUME: 11 NUMBER: 7 PAGES: 2511-19

CODEN: EMBOG ISSN: 0261-4189 LANGUAGE: English

21/3, K/10 (Item 10 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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118164758 CA: 118(17)164758j JOURNAL

Analysis of OCH1 protein related to outer chain addition in yeast

AUTHOR(S): Nakayama, Kenichi; Nagasu, Takeshi; Kuromitsu, Junro; Jigami, Yoshifumi

LOCATION: Natl. Chem Lab. Ind., Tsukuba, Japan, 305

JOURNAL: Nippon Ishi nkin Gakkai Zasshi DATE: 1992 VOLUME: 33 NUMBER: 3

PAGES: 289-95 CODEN: NIGZE4 ISSN: 0916-4804 LANGUAGE: Japanese

21/3, K/11 (Item 11 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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117128044 CA: 117(13)128044u JOURNAL

Isolation of new temperature-sensitive mutants of *Saccharomyces*

cerevisiae deficient in mannose outer chain elongation

AUTHOR(S): Nagasu, Takeshi; Shima, Yohichi; Nakaniishi, Yoko; Kuromitsu, Junro; Iwama, Kiyoishi; Nakayama, Kenichi; Suzuki, Katsunori; Jigami, Yoshifumi

LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26

JOURNAL: Yeast DATE: 1992 VOLUME: 8 NUMBER: 7 PAGES: 535-47 CODEN:
 YESTE3 ISSN: 0749-503X LANGUAGE: English

21/3, K/12 (Item 12 from file: 399)
 DI ALCO (R) File 399: CA SEARCH (R)
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116002319 CA: 116(1)2319y PATENT
 Syner gistic mthproo fting agents contain ing empenthrin and cycl ohexanone
 oxime
 INVENTOR(AUTHOR): Aikawa, Teiichi; Yamamoto, Noboru; Nakahara, Kazue;
 Nakayama, Kenichi
 LOCATI ON: Japan,
 ASSIGNEE: Kobayashi Pharmaceutical Co., Ltd.
 PATENT: Japan Kokai Tokkyo Koho ; JP 9174308 A2 ; JP 0374308 DATE:
 910328
 APPLI CATI ON: JP 89208795 (890811)
 PAGES: 5 pp. CODEN: JXXXXF LANGUAGE: Japanese
 PATENT CLASSI FI CATI ONS:
 CLASS: A01N-053/00A; D06M-023/00; A01N-053/00J; A01N-035/10J;
 A01N-037/10J
 ? e au=uremura, mariko

Ref	Items	Index-term
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E2	17	AU=UMEMURA, MAMORU
E3	14	*AU=UMEMURA, MARI KO
E4	5	AU=UMEMURA, MASAFUMI
E5	1	AU=UMEMURA, MASAHARU
E6	13	AU=UMEMURA, MASAHI RO
E7	10	AU=UMEMURA, MSAKAZU
E8	5	AU=UMEMURA, MSAHARI
E9	16	AU=UMEMURA, MASAO
E10	2	AU=UMEMURA, MASARU
E11	45	AU=UMEMURA, MASASHI
E12	2	AU=UMEMURA, MASASI

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 S22 14 AU= UMEMURA, MARI KO
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>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S23 9 RD (unique items)

? t s23/3, k/1-9

>>>KW C option is not available in file(s): 399

23/3, K/1 (Item 1 from file: 24)
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0003686181 IP ACCESSI ON NO: 7270589
 PERI ls Required for GPI-Phospholipase A sub(2) Activity and Involved in
 Lipid Remodeling of GPI-anchored Proteins

Fujita, Mrihi sa; Uremura, Mariko; Yoko-O, Takehi ko; Jigami,
 Yoshifumi

10536935.txt
Molecular Biology of the Cell, v 17, n 12, p [np], December 2006
PUBLICATION DATE: 2006

PUBLISHER: BioMed Central Ltd., Middlesex House 34-42 Cleveland Street
London W1T 4LB UK, [mailto:info@biomedcentral.com],
[URL: http://www.biomedcentral.com]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1059-1524
ELECTRONIC ISSN: 1059-1524
NUMBERS: Article No. 5253-5264
FILE SEGMENT: Algalogy, Mycology & Protozoology Abstracts (Microbiology C)

Fujita, Mrihis; Uremura, Mariko; Yoko-O, Takehiko; Jigami,
Yoshifumi

23/3, K/2 (Item 2 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0002835313 IP ACCESSION NO: 6713846
Glycosylphosphatidylinositol-anchored Proteins Are Required for the
Transport of Detergent-resistant Microdomain-associated Membrane Proteins
Tat2p and Fur4p

Kampt, Mchiyo; Yoko-o, Takehiko; Uremura, Mariko; Nakayama,
Ken-ichi; Jigami, Yoshifumi
Research Center for Glycoscience, National Institute of Advanced Industrial
Science and Technology (AIST), Tsukuba Central 6, Tsukuba, Ibaraki
305-8566, Japan

Journal of Biological Chemistry, v 281, n 7, p 4013-4023, February 2006
PUBLICATION DATE: 2006

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650
Rockville Pike Bethesda, MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org],
[URL: http://www.jbc.org]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0021-9258
ELECTRONIC ISSN: 1083-351X
FILE SEGMENT: Genetics Abstracts

Kampt, Mchiyo; Yoko-o, Takehiko; Uremura, Mariko; Nakayama,
Ken-ichi; Jigami, Yoshifumi

23/3, K/3 (Item 1 from file: 143)
DIALOG(R) File 143: Biol. & Agric. Index
(c) 2010 The H.W. Wilson Co. All rights reserved.

1789247 H.W. WILSON RECORD NUMBER: BBAI 04145299
D88A mutant of cytochrome P450nor provides kinetic evidence for direct
complex formation with electron donor NADH
Uremura, Mariko
Su, Fei; Takaya, Naoki

Umemura, Mariko

23/3, K/4 (Item 2 from file: 143)
DIALCOG(R) File 143: Biol. & Agric. Index
(c) 2010 The HW Wilson Co. All rts. reserv.

1673268 H.W. WILSON RECORD NUMBER: BBAI 03139627
GWI Gene Is Required for Inositol Acylation of
Glycosylphosphatidylinositol Anchors in Yeast
Umemura, Mariko
Okamoto, M chiyo; Nakayama, Ken-ichi
The Journal of Biological Chemistry v. 278 no26 (June 27 2003) p. 23639-47
DOCUMENT TYPE: Feature Article ISSN: 0021-9258

Umemura, Mariko

23/3, K/5 (Item 1 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

149349965 CA: 149(16)349965h PATENT
Glycosyl-inositol phosphoryl ceramide-anchored protein (GPC-AP) synthetic
enzyme and use for synthesis of ceramide added GPI-anchored protein
INVENTOR(AUTHOR): Yokoo, Takehiko; Umemura, Mariko; Jigami, Yoshifumi;
Fujita, Mrihi sa
LOCATION: Japan,
ASSIGNEE: National Institute of Advanced Industrial Science & Technology
PATENT: Japan Kokai Tokkyo Koho; JP 2008220328 A DATE: 20080925
APPLICATION: JP 200766897 (20070315)
PAGES: 40pp. CODEN: JKXXAF LANGUAGE: Japanese
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source	Office:
C12N: 0015/09	A	I	F	B	20060101	20080829	H JP
C12N: 0001/19	A	I	L	B	20060101	20080829	H JP
C12N: 0009/00	A	I	L	B	20060101	20080829	H JP
C07K: 0014/395	A	I	L	B	20060101	20080829	H JP
C12P: 0021/02	A	I	L	B	20060101	20080829	H JP
C12P: 0013/02	A	I	L	B	20060101	20080829	H JP
C12Q: 0001/68	A	I	L	B	20060101	20080829	H JP
A23L: 0001/30	A	N	L	B	20060101	20080829	H JP

23/3, K/6 (Item 2 from file: 399)
DIALCOG(R) File 399: CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

148277841 CA: 148(13)277841u PATENT
cDNA, DNA and protein sequences of human and yeast PER1 proteins and the
use of the proteins for drug screening
INVENTOR(AUTHOR): Jigami, Yoshifumi; Yokoo, Takehiko; Umemura, Mariko;
Fujita, Mrihi sa
LOCATION: Japan,
ASSIGNEE: National Institute of Advanced Industrial Science & Technology
PATENT: Japan Kokai Tokkyo Koho; JP 200843234 A DATE: 20080228
APPLICATION: JP 2006220491 (20060811)
PAGES: 27pp. CODEN: JKXXAF LANGUAGE: Japanese
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source	Office:
Page 27							

10536935.txt

C12N-0015/09	A	I	F	B	20060101	20080201	H	JP
C12N-0009/18	A	I	L	B	20060101	20080201	H	JP
C12N-0001/15	A	I	L	B	20060101	20080201	H	JP
C12N-0001/19	A	I	L	B	20060101	20080201	H	JP
C12N-0001/21	A	I	L	B	20060101	20080201	H	JP
C12N-0005/10	A	I	L	B	20060101	20080201	H	JP
C12Q-0001/02	A	I	L	B	20060101	20080201	H	JP
C07K-0016/40	A	I	L	B	20060101	20080201	H	JP
C12P-0021/02	A	I	L	B	20060101	20080201	H	JP
G01N-0033/50	A	I	L	B	20060101	20080201	H	JP
G01N-0033/53	A	I	L	B	20060101	20080201	H	JP
G01N-0033/15	A	I	L	B	20060101	20080201	H	JP

23/3, K/7 (Item 3 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

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148116493 CA: 148(6)116493s JOURNAL
 Saccharomyces cerevisiae CWH43 is involved in the remodeling of the lipid
 moiety of GPI anchors to ceramides
 AUTHOR(S): Umemura, Mariko; Fujita, Morihisa; Yoko-o, Takehiko; Fukamizu,
 Akiyoshi; Jigami, Yoshifumi
 LOCATION: Research Institute for Cell Engineering, National Institute of
 Advanced Industrial Science and Technology, Ibaraki, Japan, 305-8566
 JOURNAL: Mol. Biol. Cell (Molecular Biology of the Cell) DATE: 2007
 VOLUME: 18 NUMBER: 11 PAGES: 4304-4316 CODEN: MBOEEV ISSN: 1059-1524
 LANGUAGE: English PUBLISHER: American Society for Cell Biology

23/3, K/8 (Item 4 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rts. reserv.

146354371 CA: 146(18)354371d JOURNAL
 PER1 is required for GPI-phospholipase A2 activity and involved in lipid
 remodeling of GPI-anchored proteins
 AUTHOR(S): Fujita, Morihisa; Umemura, Mariko; Yoko-o, Takehiko; Jigami,
 Yoshifumi
 LOCATION: Research Center for Glycoscience, National Institute of
 Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki, Japan,
 305-8566
 JOURNAL: Mol. Biol. Cell (Molecular Biology of the Cell) DATE: 2006
 VOLUME: 17 NUMBER: 12 PAGES: 5253-5264 CODEN: MBOEEV ISSN: 1059-1524
 LANGUAGE: English PUBLISHER: American Society for Cell Biology

23/3, K/9 (Item 5 from file: 399)

DI ALCOG(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rts. reserv.

141035948 CA: 141(3)35948x PATENT
 Method for screening compound inhibiting enzymatic activity of Gm1 gene
 product
 INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mariko; Jigami, Yoshifumi;
 Nakayama, Kenichi; Umemura, Mariko; Okamoto, Mchiyo
 LOCATION: Japan,
 ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial
 Science and Technology
 PATENT: PCT International ; WO 200448604 A1 DATE: 20040610
 APPLICATION: WO 2003JP14909 (20031121) *JP 2002339418 (20021122)
 PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese
 PATENT CLASSIFICATIONS:

10536935.txt

CLASS: C12Q-001/02A; G01N-033/50B; G01N-033/15B; C12N-015/55B
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
 GE; GR; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;
 LU; LV; MA; MD; MG; MK; MN; MW; MX; MY; NI; NO; NZ; OM; PG; PH; PL; PT; RO;
 RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
 VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; MW; MZ; SD; SL;
 SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;
 CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MD; NL; PT; RO; SE;
 SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
 ? e au=okamoto, mchiyo

Ref	Items	Index-term
E1	4	AU=OKAMOTO, M CHI TOSHI
E2	5	AU=OKAMOTO, M CHI YA
E3	18	*AU=OKAMOTO, M CHI YO
E4	3	AU=OKAMOTO, M DORI
E5	9	AU=OKAMOTO, M E
E6	44	AU=OKAMOTO, M EKO
E7	29	AU=OKAMOTO, M HO
E8	2	AU=OKAMOTO, M HOUJI
E9	2	AU=OKAMOTO, M HOKO
E10	1	AU=OKAMOTO, M HOUJI
E11	166	AU=OKAMOTO, M KA
E12	22	AU=OKAMOTO, M KAKO

Enter P or PAGE for more

? s e3
 S24 18 AU=OKAMOTO, M CHI YO
 ? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
 S25 11 RD (unique items)

? t s25/3,k/1-11
 >>>KWC option is not available in file(s): 399

25/3,K/1 (Item 1 from file: 24)
 DI ALOC R File 24: CSA Life Sciences Abstracts
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0004079954 IP ACCESSION NO: 12494394
 The Cytoplasmic Region of -1,6-Mannosyltransferase Mnn9p Is Crucial for
 Retrograde Transport from the Golgi Apparatus to the Endoplasmic Reticulum
 in *Saccharomyces cerevisiae*,

Okamoto, Mchiyo; Yoko-o, Takehiko; Miyakawa, Tokichi; Jigami,
 Yoshifumi
 Research Institute for Cell Engineering, National Institute of Advanced
 Industrial Science and Technology (AIST), Tsukuba 305-8566, Japan,
 [mailto:t.yoko-o@aist.go.jp]

Eukaryotic Cell, v 7, n 2, p 310-318, February, 2008
 PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.
 Washington, DC 20036 USA

DOCUMENT TYPE: Journal Article
 RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1535-9786

FILE SEGMENT: Algalogy, Mycology & Protozoology Abstracts (Microbiology C)

Okamoto, M chiyo; Yoko-o, Takehi ko; Miyakawa, Toki chi; Jigami, Yoshifumi

25/3, K/2 (Item 2 from file: 24)

DIALOG R File 24: CSA Life Sciences Abstracts

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0003180954 I P ACCESSION NO: 8036967

The Cytoplasmic Region of alpha-1,6-Mannosyltransferase Mnn9p Is Crucial for Retrograde Transport from the Golgi Apparatus to the Endoplasmic Reticulum in *Saccharomyces cerevisiae*

Okamoto, M chiyo; Yoko-o, Takehi ko; Miyakawa, Toki chi; Jigami, Yoshifumi

Research Institute for Cell Engineering, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba 305-8566, Japan.
Department of Molecular Biotechnology, Graduate School of Advanced Sciences of Matter, Hiroshima University, Higashi-Hiroshima 739-8530, Japan

Eukaryotic Cell, v 7, n 2, p 310-318, February 2008

PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.

Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1535-9778

ELECTRONIC ISSN: 1535-9786

FILE SEGMENT: Algalogy, Mycology & Protozoology Abstracts (Microbiology C)

Okamoto, M chiyo; Yoko-o, Takehi ko; Miyakawa, Toki chi; Jigami, Yoshifumi

25/3, K/3 (Item 3 from file: 24)

DIALOG R File 24: CSA Life Sciences Abstracts

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0002835313 I P ACCESSION NO: 6713846

Glycosylphosphatidylinositol-anchored Proteins Are Required for the Transport of Detergent-resistant Membrane-associated Membrane Proteins Tat2p and Fur4p

Okamoto, M chiyo; Yoko-o, Takehi ko; Umemura, Mariko; Nakayama, Ken-ichi; Jigami, Yoshifumi

Research Center for Glycoscience, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba Central 6, Tsukuba, Ibaraki 305-8566, Japan

Journal of Biological Chemistry, v 281, n 7, p 4013-4023, February 2006

PUBLICATION DATE: 2006

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650 Rockville Pike Bethesda MD 20814-3996 USA, [mailto: asbrb@asbrb.faseb.org],

[URL: <http://www.jbc.org>]

DOCUMENT TYPE: Journal Article
 RECORD TYPE: Abstract
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ISSN: 0021-9258
 ELECTRONIC ISSN: 1083-351X
 FILE SEGMENT: Genetics Abstracts

Okamoto, M chiyo; Yoko-o, Takehi ko; Umemura, Mariko; Nakayama, Ken-ichi; Jigami, Yoshifumi

25/3, K/4 (Item 4 from file: 24)
 DI ALCOR File 24: CSA Life Sciences Abstracts
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0002668384 IP ACCESSION NO: 6098645
 GPI 7 Involved in Glycosylphosphatidylinositol Biosynthesis Is Essential for Yeast Cell Separation

Fujita, Mrihi sa; Yoko-O, Takehi ko; Okamoto, M chiyo; Jigami, Yoshifumi
 Research Center for Glycoscience, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki 305-8566 and the Institute of Biological Sciences, University of Tsukuba, Tsukuba, Ibaraki 305-8572, Japan

Journal of Biological Chemistry, v 279, n 50, p 51869-51879, December 10, 2004
 PUBLICATION DATE: 2004

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650 Rockville Pike Bethesda MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org], [URL: <http://www.jbc.org>]

DOCUMENT TYPE: Journal Article
 RECORD TYPE: Abstract
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ISSN: 0021-9258
 ELECTRONIC ISSN: 1083-351X
 FILE SEGMENT: Genetics Abstracts; Al gology, Mycol ogy & Protozool ogy Abstracts (Microbiol ogy C)

Fujita, Mrihi sa; Yoko-O, Takehi ko; Okamoto, M chiyo; Jigami, Yoshifumi

25/3, K/5 (Item 1 from file: 143)
 DI ALCOR File 143: Biol. & Agric. Index
 (c) 2010 The H W Wilson Co. All rts. reserv.

1673584 H.W. WILSON RECORD NUMBER: BBAI 03141313
 Salt Stress Induces the Expression of Schizosaccharomyces pombe och1+, Which Encodes an Initiation-specific α -1,6-Mannosyltransferase for N-Linked Outer Chain Synthesis of Cell Wall Mannoproteins
 Yamamoto, Katsuyoshi
 Okamoto, M chiyo; Yoko-o, Takehi ko
 Bioscience, Biotechnology, and Biochemistry v. 67 no4 (Apr. 2003) p. 927-9
 DOCUMENT TYPE: Feature Article ISSN: 0916-8451

Okamoto, M chi yo...

25/3, K/6 (Item 2 from file: 143)
 DI ALCOG(R) File 143: Biol. & Agric. Index
 (c) 2010 The HW Wilson Co. All rts. reserv.

1673268 H.W. WILSON RECORD NUMBER: BBAI 03139627
 GW1 Gene Is Required for Inositol Acylation of
 Gycosylphosphatidylinositol Anchors in Yeast
 Uremura, Mariko
 Okamoto, M chi yo; Nakayama, Ken-ichi
 The Journal of Biological Chemistry v. 278 no26 (June 27 2003) p. 23639-47
 DOCUMENT TYPE: Feature Article ISSN: 0021-9258

Okamoto, M chi yo...

25/3, K/7 (Item 1 from file: 393)
 DI ALCOG(R) File 393: Beilstein Database - Abstracts
 (c) 2008 Beilstein GmbH. All rts. reserv.

Beilstein Abstract Id: 6422256
 Title: Salt Stress Induces the Expression of Schizosaccharomyces pombe
 och1+, Which Encodes an Initiation-specific alpha
 -16-Mannosyltransferase for N-Linked Outer Chain Synthesis of
 Cell Wall Mannoproteins
 Document Type: Journal Record Type: Abstract
 Author: Yamamoto, Katsumoshi; Okamoto, M chi yo; Yoko-o, Takehiko;
 Jigami, Yoshifumi
 Citation: Biosci. Biotechnol. Biochem. (2003) Series: 67-4, 927 - 929
 CODEN: BBBI EJ Language: English
 Abstract Language: English
 Author: Yamamoto, Katsumoshi; Okamoto, M chi yo; Yoko-o, Takehiko;
 Jigami, Yoshifumi

25/3, K/8 (Item 1 from file: 399)
 DI ALCOG(R) File 399: CA SEARCH(R)
 (c) 2010 American Chemical Society. All rts. reserv.

149492678 CA: 149(22)492678x PATENT
 Easily-soluble sweetener granules containing sugar alcohols and
 water-soluble polysaccharides
 INVENTOR(AUTHOR): Shodo, Tadayoshi; Okamoto, M chi yo
 LOCATION: Japan,
 ASSIGNEE: Hamada Shokuhin Kogyo K. K.
 PATENT: Japan Kokai Tokkyo Koho; JP 2008263864 A DATE: 20081106
 APPLICATION: JP 2007111765 (20070420)
 PAGES: 9pp. CODEN: JKKXAF LANGUAGE: Japanese
 PATENT CLASSIFICATIONS:
 IPC/8 + Level Value Position Status Version Action Source Office:
 A23L-0001/22 A I F B 20060101 20081010 H JP
 A23L-0001/236 A I L B 20060101 20081010 H JP

25/3, K/9 (Item 2 from file: 399)
 DI ALCOG(R) File 399: CA SEARCH(R)
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144464092 CA: 144(25)464092e JOURNAL
 Involvement of calcineurin-dependent degradation of Yap1p in Ca2+-induced
 Page 32

10536935.txt

G2 cell-cycle regulation in *Saccharomyces cerevisiae*

AUTHOR(S): Yokoyama, Hiroshi; Mizunuma, Masaki; Okamoto, M chiyo;
Yamamoto, Josuke; Hirata, Dai; Miyakawa, Tokichi
LOCATION: Department of Molecular Biotechnology, Graduate School of
Advanced Sciences of Matter, Hiroshima University, Higashi-Hiroshima, Japan
, 739-8530

JOURNAL: EMBO Rep. (EMBO Reports) DATE: 2006 VOLUME: 7 NUMBER: 5
PAGES: 519-524 CODEN: EMREAX ISSN: 1469-221X LANGUAGE: English
PUBLISHER: Nature Publishing Group

25/3, K/10 (Item 3 from file: 399)
DI ALCOG R) File 399: CA SEARCH(R)
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141035948 CA: 141(3) 35948x PATENT

Method for screening compound inhibiting enzymatic activity of Gw1 gene product

INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mariko; Jigami, Yoshifumi;
Nakayama, Kenichi; Umemura, Mariko; Okamoto, M chiyo
LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial
Science and Technology

PATENT: PCT International; WO 200448604 A1 DATE: 20040610

APPLICATION: WO 2003JP14909 (20031121) *JP 2002339418 (20021122)

PAGES: 94 pp. CODEN: PIXD2 LANGUAGE: Japanese

PATENT CLASSIFICATION(S):

CLASS: C12Q 001/02A; G01N 033/50B; G01N 033/15B; C12N 015/55B

DESIGNATED COUNTRY(ES): AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KH; KZ; LB; LR; LS; LT;
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL;
SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MD; NL; PT; RO; SE;
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

25/3, K/11 (Item 4 from file: 399)
DI ALCOG R) File 399: CA SEARCH(R)
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139128956 CA: 139(9) 128956x JOURNAL

Salt stress induces the expression of *Schizosaccharomyces pombe* och1+,
which encodes an initiation-specific α -1,6-mannosyltransferase for
N-linked outer chain synthesis of cell wall mannoproteins

AUTHOR(S): Yamamoto, Katsuyoshi; Okamoto, M chiyo; Yoko-o, Takehiko;
Jigami, Yoshifumi

LOCATION: Institute of Biological Science, University of Tsukuba, Ibaraki
, Japan, 305-8577

JOURNAL: Biosci., Biotechnol., Biochem (Bioscience, Biotechnology, and
Biochemistry) DATE: 2003 VOLUME: 67 NUMBER: 4 PAGES: 927-929 CODEN:
BBBI EJ ISSN: 0916-8451 LANGUAGE: English PUBLISHER: Japan Society for
Bioscience, Biotechnology, and Agrochemistry
? s glycosyl phosphatidylinositol AND ((Acylation (w) Glucosamyl
Phosphatidylinositol) OR (Glucosamyl (acyl) phosphatidylinositol) OR (GlcN(acyl) PI))
36877 GLYCOSYLPHOSPHATIDYLINOSITOL
202984 ACYLATION
26 GLUCOSAMYL PHOSPHATIDYLINOSITOL
1 ACYLATION W GLUCOSAMYL PHOSPHATIDYLINOSITOL
2 GLUCOSAMYL (ACYL) PHOSPHATIDYLINOSITOL
0 GLCN(ACYL) PI

10536935.txt
S26 2 GLYCOSYLPHOSPHATIDYLI NOSI TOL AND ((ACYLATION (W
GLUCOSAM NYL PHOSPHATIDYLI NOSI TOL) OR
(GLUCOSAM NYL(ACYL) PHOSPHATIDYLI NOSI TOL) OR
(GLCN(ACYL) PI))

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S27 2 RD (unique items)

? t s27/3, k/1-2

>>>KWC option is not available in file(s): 399

27/3, K/1 (Item 1 from file: 5)
DI ALCOG(R) File 5: Biosis Previews(R)
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13791547 BIOSIS NO.: 199799425607
Accumulation of glucosami nyl(acyl)phosphatidylinositol in an S3 HeLa
subline expressing normal dolichol phosphomannose synthase activity
AUTHOR: Seivler Daniel (Reprint); Schiemann Dylan; Quidubal D Johnh; Medof
M Edward; Rosenberry Terrone L
AUTHOR ADDRESS: Dep. Res., Mayo Clin. Jacksonville, 4500 San Pablo Rd.,
Jacksonville, FL 32224, USA**USA
JOURNAL: Biochemical Journal 321 (3): p837-844 1997 1997
ISSN: 0264-6021
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Glucosami nyl(acyl)phosphatidylinositol (GcN(acy)PI), the third
intermediate in the mammalian glycosylphosphatidylinositol (GPI)
anchor pathway, is undetectable in most cells. This intermediate was
previously shown to accumulate...

DESCRIPTORS:
CHEMICALS & BIOCHEMICALS:
MISCELLANEOUS TERMS: ... GLUCOSAM NYL(ACYL) PHOSPHATIDYLI NOSI TOL
CONCEPT CODES:

27/3, K/2 (Item 1 from file: 34)
DI ALCOG(R) File 34: Sci Search(R) Cited Ref Sci
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09798717 Genuine Article#: 451LN No. References: 52
Title: Specificity of GcNAc-PI de-N-acetylase of GPI biosynthesis and
synthesis of parasite-specific suicide substrate inhibitors
Author: Smith TK; Crossman A; Borissow CN; Paterson MJ; Dix A; Brimacombe
JS; Ferguson MAJ (REPRINT)
Corporate Source: Univ Dundee, Sch Life Sci, Div Biol Chem & Mol
Microbiol, Dundee DD1 5EH/Scotland/ (REPRINT); Univ Dundee, Sch Life Sci
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... Descriptors: de-N-acetylase; glycosylphosphatidylinositol;
mannosyltransferase; suicide inhibition; Trypanosoma brucei
... Identifiers: GLYCOSYLPHOSPHATIDYLI NOSI TOL-ANCHOR BIOSYNTHESIS;

PHOSPHATI DYLI NOSI TOL MEMBRANE ANCHORS; VARIANT SURFACE GLYCOPROTEIN;
 AFRICAN SLEEPING SICKNESS; TRYPAOSOMA-BRUCI; INOSI TOL-ACYLATION
 ; GLUCOSAM NYL PHOSPHATI DYLI NOSI TOL; PLASMODIUM FALCI PARUM
 LEI SHIMANI A-MEXICANA; TOXOPLASMA-GONDI

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Set	Items	Description
S1	26	AU=' HATA, KATSURA'
S2	23	RD (unique items)
S3	83	AU=' TSUKAHARA, KAPPEI'
S4	77	RD (unique items)
S5	11	AU=' TSUCHIYA, MAM KO
S6	2	'D C ORANGE 17'
S7	11	AU=' TSUCHIYA, MAM KO
S8	10	RD (unique items)
S9	288	E1-E6
S10	215	RD (unique items)
S11	0	S10 AND ?I NOSI TOL?
S12	0	E1-E6 AND (GMT)
S13	288	E1-E6
S14	146	S13 AND (CEREVIS?)
S15	111	S14 AND (FUNG? OR YEAST)
S16	88	RD (unique items)
S17	165	AU=' NAKAYAMA, KENICHI'
S18	157	RD (unique items)
S19	0	S18 AND (GMT)
S20	12	S18 AND (FUNG? OR CEREVIS?)
S21	12	RD (unique items)
S22	14	AU=' UMEMURA, MARI KO
S23	9	RD (unique items)
S24	18	AU=' OKAMOTO, MICHIO
S25	11	RD (unique items)
S26	2	GLYCOSYLPHOSPHATI DYLI NOSI TOL AND ((ACYLATION (W/ GLUCOSAM - NYL PHOSPHATI DYLI NOSI TOL) OR (GLUCOSAM NYL(ACYL) PHOSPHATI DYLI - NOSI TOL) OR (GLYC(ACYL)PI))
S27	2	RD (unique items)